

Fig. 1

ACh Modulator

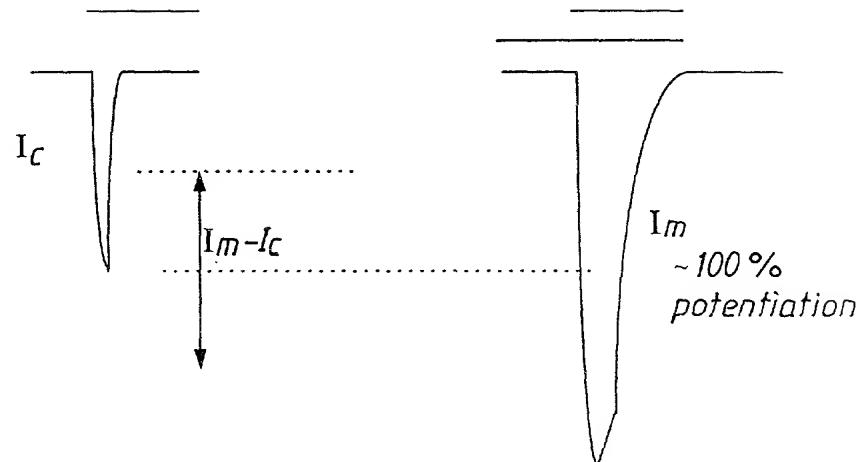
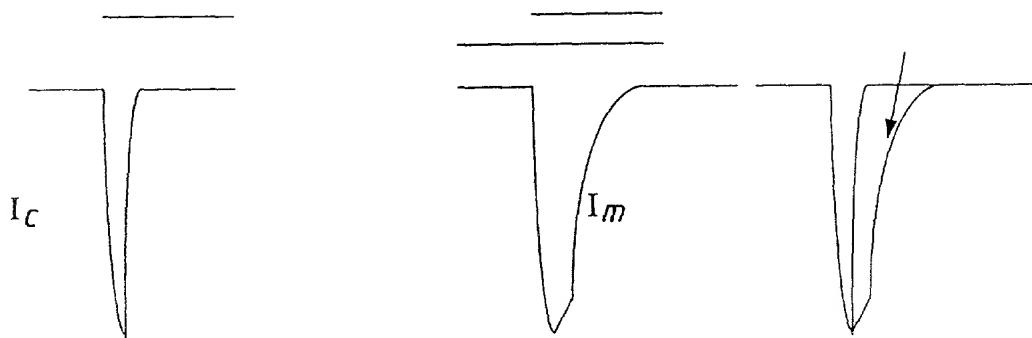


Fig. 2

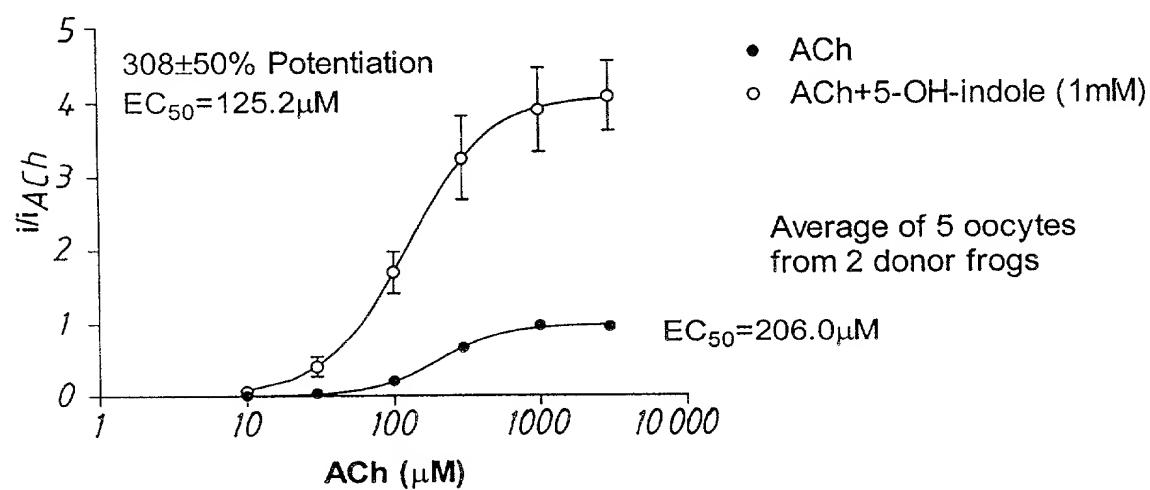
ACh Modulator



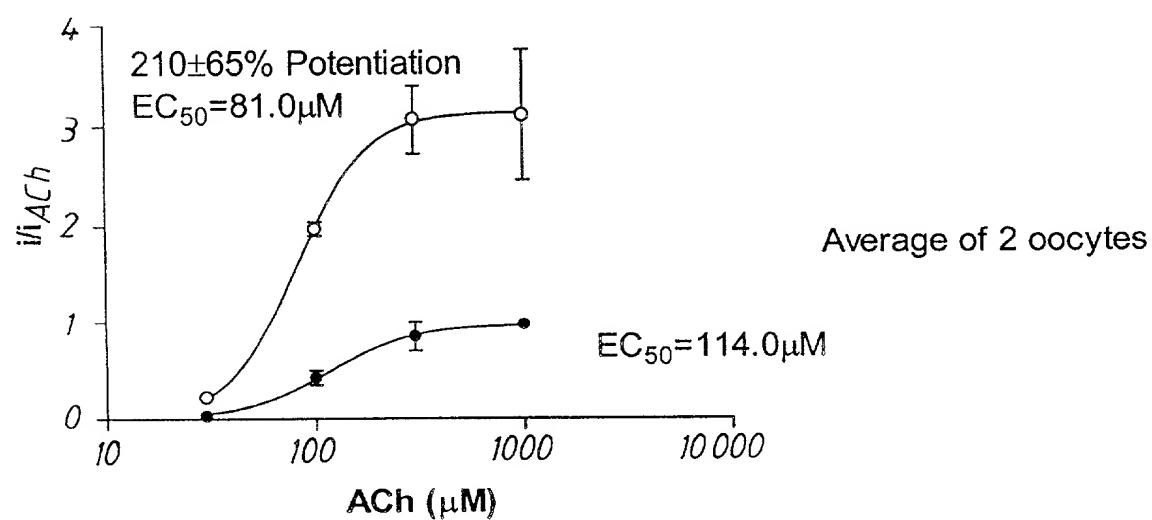


Agonist Dose-Response Curves in the Presence and Absence of 5-OH-indole

Mouse *nAChR α 7*



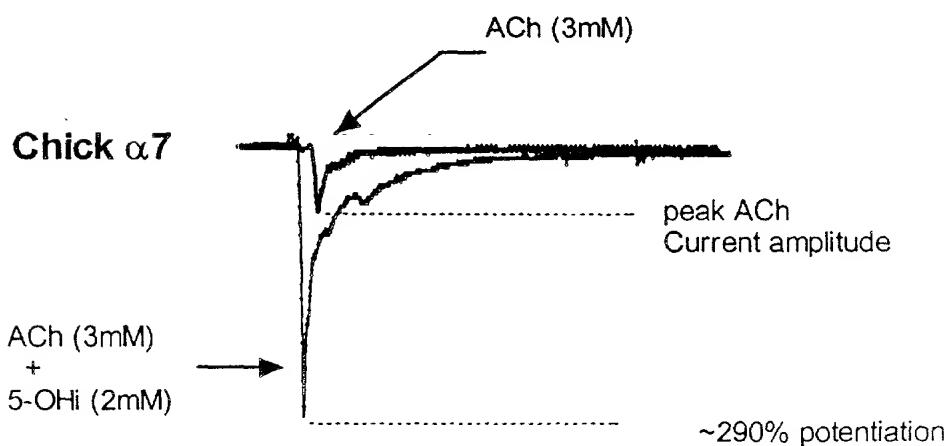
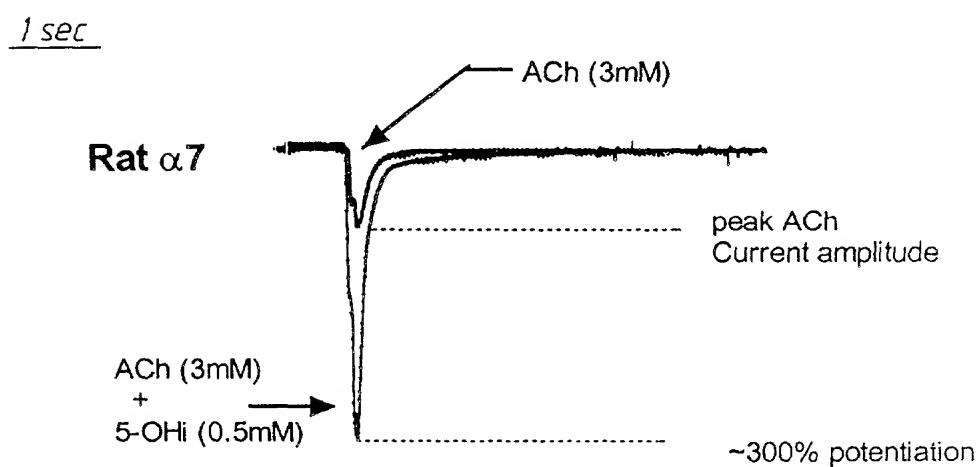
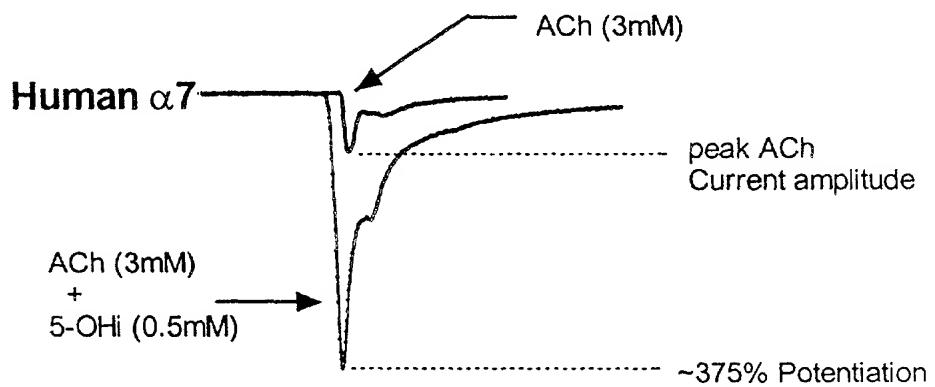
Human *nAChR α 7*



$iACh$ = extrapolated max of ACh curve

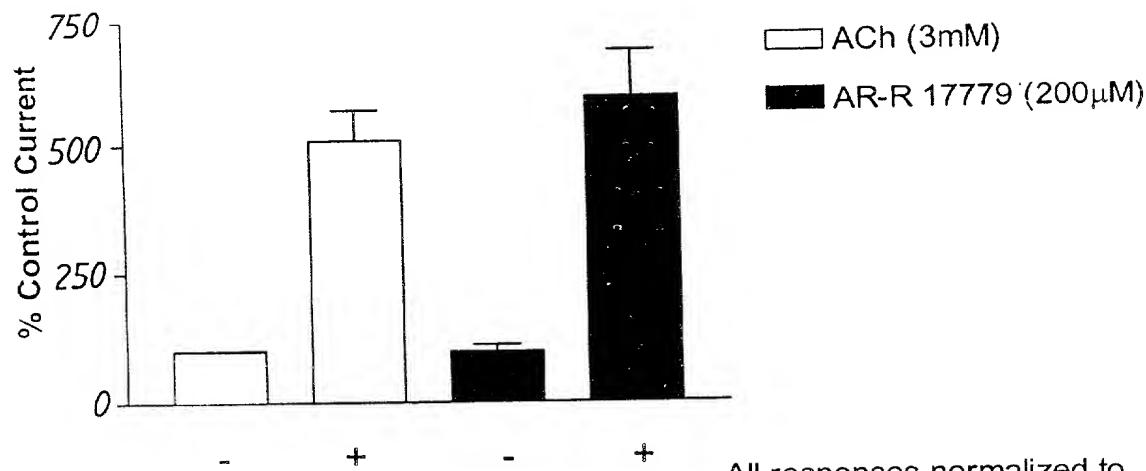


**Modulation by 5-OH-indole:
Similar Activity on nAChR $\alpha 7$ from Human, Rat and
Chick Expressed in Oocytes**

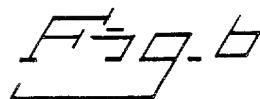




Effect of 5-OH-indole on ACh and AR-R 17779-gated Current



All responses normalized to current amplitude elicited by 3mM ACh



Calcium Influx in $\alpha 7$ -HEK293

